

LIPOSOMES FOR PROTECTION AGAINST TOXIC COMPOUNDS

ABSTRACT

Generally, and in one form, the present invention is a method of method of preparing a proteoliposome comprising the step of contacting a liposome with an effective portion of RLIP76 to create a proteoliposome. In another form, the present invention is a proteoliposomal composition comprising a liposome and an effective portion of RLIP76. In yet another form, the present invention is a kit for reducing the concentration of toxic compounds and their by-products comprising an effective dose of a proteoliposome, wherein the proteoliposome is a liposome and an effective portion of RLIP76 and an instructional pamphlet. Applications of the present invention include the protection and treatment of mammals and the environment against the accumulation of toxic compounds. The present invention prevents accumulation of one or more toxic compounds, reduces the concentration of toxic compounds, and protects against further contamination with one or more toxic compounds.